

"Express Mail" Label No. EV 346 925 685 US

Date of Deposit September 17, 2003

PATENT

Attorney Docket No.: 16869G-084800US

Client Reference No.: HSJ9-2003-0127-US1

I hereby certify that this is being deposited with the United States  
Postal Service "Express Mail Post Office to Address" service under 37  
CFR 1.10 on the date indicated above and is addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

By: \_\_\_\_\_

Daniel Miranda

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Martin Aureliano Hassner et al.

Application No.: Unassigned

Filed: Herewith

For: DIRECT PARTIAL UPDATE OF  
CRC/ECC CHECK BYTES

Examiner:

Art Unit:

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

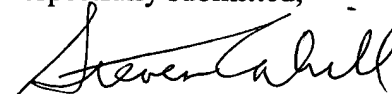
The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Steven Cahill", written over a horizontal line.

Steven Cahill  
Reg. No. 44,578

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: 650-326-2400 Fax: 650-326-2422  
SJC:djb  
60041233 v1

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(use as many sheets as necessary)*Sheet **1** of **1****Complete if Known**

Application Number

Filing Date

First Named Inventor

Hassner, Martin Aureliano

Art Unit

Examiner Name

Attorney Docket Number

16869G-084800US

**U.S. PATENT DOCUMENTS+**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,864,440	01-26-1999	Hashimoto et al.	
	AB	US-5,946,328	08-31-1999	Cox et al.	
	AC	US-6,079,044	06-20-2000	Cunningham et al.	
	AD	US-2003/0147167	08-07-2003	Asano et al.	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AE	IBM Almaden Research Center, "Signal Processing / Integrated Sector Format-Error-Correction Code", <a href="http://www.almaden.ibm.com/sst/storage/sp/ecc.shtml">http://www.almaden.ibm.com/sst/storage/sp/ecc.shtml</a> , printed June 23, 2003	
	AF		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.